

Data File : VV011173.D  
Acq On : 31 May 2019 11:18  
Operator : SY/MD  
Sample : K3006-09  
Misc : 5.09G/10ML/MSVOA\_V/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VHBLK01

Manual Integrations  
APPROVED

MMDadoda  
6/3/2019 5:32:30 AM

Quant Time: May 31 23:57:30 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM053019S.M  
Quant Title : VOC Analysis  
QLast Update : Fri May 31 23:16:38 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 438656   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 396077   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 168723   | 25.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 124254   | 20.94    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 83.76% |
| 7) Chloroethane-d5             | 1.55   | 69    | 99470    | 21.80    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 87.20% |
| 10) 1,1-Dichloroethene-d2      | 2.11   | 63    | 198047m  | 16.26    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 65.04% |
| 20) 2-Butanone-d5              | 3.93   | 46    | 91681    | 42.26    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 84.52% |
| 24) Chloroform-d               | 4.39   | 84    | 170018   | 15.86    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 63.44% |
| 26) 1,2-Dichloroethane-d4      | 5.07   | 65    | 150053   | 21.48    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 85.92% |
| 29) Benzene-d6                 | 5.09   | 84    | 500235   | 23.25    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 93.00% |
| 33) 1,2-Dichloropropane-d6     | 6.11   | 67    | 156764   | 22.75    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 91.00% |
| 37) Toluene-d8                 | 7.35   | 98    | 478140   | 23.56    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 94.24% |
| 38) trans-1,3-Dichloropropene- | 7.66   | 79    | 68143    | 21.85    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 87.40% |
| 39) 2-Hexanone-d5              | 8.13   | 63    | 68078    | 43.46    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 86.92% |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 134584   | 21.67    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 86.68% |
| 61) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 144758   | 22.93    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 91.72% |

| Target Compounds |      |    |       |            | Qvalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 2.18 | 43 | 10907 | 4.322 ug/L | 98     |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

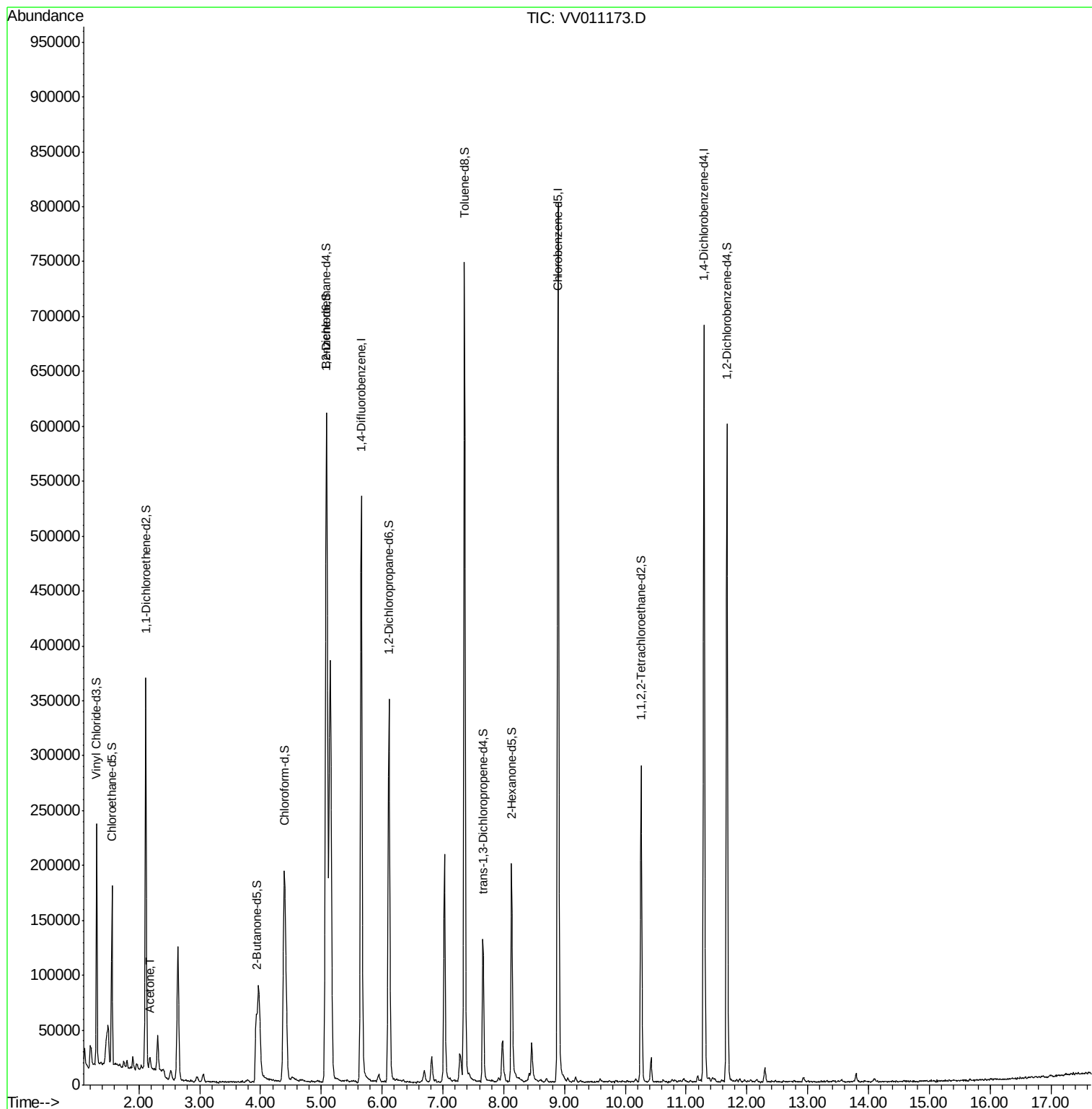
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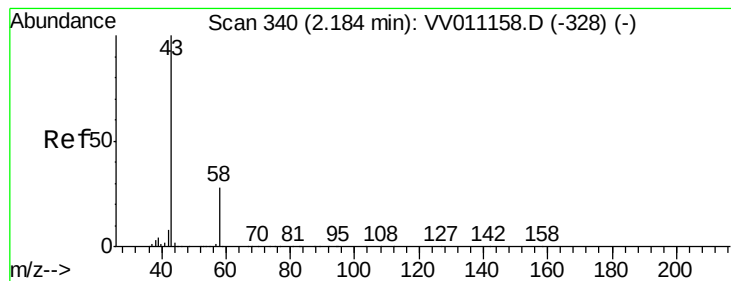
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#13

Acetone

Concen: 4.322 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV011173.D

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Instrument :

MSVOA\_V

ClientSampleId :

VHBLK01

Tgt Ion: 43 Resp: 10907

Ion Ratio Lower Upper

43 100

58 26.1 0.0 53.8

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